

AP184TP

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Jiun-Der Yu

Group Art Unit: Not Yet Assigned

Serial No.: Unknown

Examiner: Not Yet Assigned

Filed: Herewith

Title: Selectively Reduced Bi-Cubic Interpolation for Ink-Jet Simulations  
on Quadrilateral Grids

**CERTIFICATION UNDER 37 CFR 1.10**

"Express Mail" Mailing Label Number: EV311301937US

I hereby certify that this Information Disclosure Statement, and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

Dated: December 5, 2003

  
Ann F. George

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56, and in accordance with the practice under 37 C.F.R. §1.97 and §1.98, the Examiner's attention is directed to the document(s) listed on the enclosed Form PTO-1449. A copy of each listed document is enclosed, except, in the case where this application is filed after June 30, 2003, copies of any U.S. patents and U.S. patent application publications are not enclosed.

This Information Disclosure Statement is being filed within three months of the U.S. filing date or before the mailing date of a first Office Action on the merits. No statement or fee is required (37 CFR §1.97(b)).

**CONCLUSION**

The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any over-payment to Deposit Account No.: 19-2746.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

Respectfully submitted,



Michael T. Gabrik  
Registration No. 32,896

Please address all correspondence to:

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Intellectual Property Department  
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Date: December 5, 2003

Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 1 OF 1	SERIAL NO. Unknown	ATTY DOCKET NO. AP184TP
	APPLICANT(S) Jiun-Der Yu	
	FILING DATE Herewith	GROUP Not Yet Assigned

**U.S. PATENT DOCUMENTS**

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	6,322,193	11/27/01	Lian, et al			
AB	6,322,186	11/27/01	Shimizu, et al.			
AC	6,315,381	11/13/01	Wade, et al.			
AD	6,283,568	9/4/01	Horii, et al.			
AE	6,179,402	1/30/01	Suzuki, et al.			
AF	6,257,143	7/10/01	Iwasaki, et al.			
AG						
AH						
AI						
AJ						

**FOREIGN PATENT DOCUMENTS**

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
AK						
AL						

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

		OTHER DOCUMENTS (INCLUDING REFERENCE, TITLE, DATE, TERMINATION PAGE, ETC.)
AM		"Projection Method for Viscous Incompressible Flow on Quadrilateral Grids", John B. Bell, et al., AIAA Journal, Vol. 32, No. 10, October 1994, pp. 1961-1969
AN		"A Second-Order Projection Method for the Incompressible Navier-Stokes Equations", John B. Bell, et al., Journal of Computational Physics, Volume 85, Number 2, December 19 89, pp. 257-283.
AO		"Computing Minimal Surfaces via Level Set Curvature Flow", David L. Chopp, Mathematics Department, University of California, Berkeley, California, Journal of Computational Physics 106, pp. 77-91, 1993
AP		"Fronts Propagating with Curvature-Dependent Speed: Algorithms Based on Hamilton-Jacobi Formulations", Stanley Osher, Department of Mathematics, University of California, Los Angeles and James A. Sethian, Department of Mathematics, University of California, Berkeley, California, Journal of Computational Physics 79, pp. 12-49, 1988
AQ		"A Level Set Approach for Computing Solutions to Incompressible Two-Phase Flow", Mark Sussman, et al., Department of Mathematics, University of California, Los Angeles, California, Journal of Computational Physics 114, pp. 146-159, 1994
AR		"A Projection Method for Incompressible Viscous Flow on Moving Quadrilateral Grids", David P. Trebotich, Department of Mechanical Engineering, University of California, Berkeley, California and Phillip Colella, Applied Numerical Algorithms Group, Lawrence Berkeley National Laboratory, Berkeley, California, Journal of Computational Physics 166, pp. 191-217, 2001
AS		"A Second-Order Projection Method for Variable-Density Flows", John B. Bell, et al., Lawrence Livermore National Laboratory, Livermore, California, Journal of Computational Physics 101, pp. 334-348, 1992
EXAMINER		DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.